

June 10, 2003
Technical Review Subcommittee (TRS)
to the Kelly Restoration Advisory Board (RAB)

Dr. Gene Lené, RAB Community Member
Mr. Ruben Peña, RAB Co-Chair, Community Member
Mr. Rodrigo Garcia, RAB Community Member
Mr. Chico Rodriguez, RAB Community Member
Mr. Robert Silvas, RAB Community Member
Mr. Buddy Pletz, RAB Community Member
Mr. Nazarite Perez, RAB Community Member
Mr. Robert Montez, Community Member
Ms. Angel Martinez, Community Member
Mr. Richard Perez, City Councilman District 4
Ms. Rose Ann Sanchez, Office of Councilman Richard Perez
Mr. Yohei Mori, Ryukyu Shindo
Mr. William Ryan, Air Force Real Property Agency (AFRPA)
Mr. Don Buelter, AFRPA
Ms. Norma Landez, AFRPA
Mr. Robert Tijerina, AFRPA
Mr. Doug Karas, AFRPA
Ms. Linda Kaufman, San Antonio Metropolitan Health District (SAMHD)
Ms. Kyle Cunningham, SAMHD
Mr. Gary Martin, Greater Kelly Development Authority (GKDA)
Ms. Abigail Power, Texas Commission on Environmental Quality (TCEQ)
Mr. Mark Weeger, TCEQ
Mr. Patrick Lynch, Clearwater Revival Company
Mr. Jim Clary, CH2MHill
Mr. Rick Rogus, CH2MHill
Ms. Jennifer Wright, CH2MHill
Ms. Sarah Warden, CH2MHill
Ms. Betty Leite, CH2MHill
Mr. Bob Goodson, CH2MHill
Ms. Robyn Thompson, Booz Allen Hamilton (Booz Allen)
Ms. Megan Mabee, Booz Allen
Mr. Eddie Martinez, Booz Allen
Ms. Stephanie Trevino, Booz Allen
Mr. Scott Courtney, Booz Allen

The meeting began at 6:37 p.m.

Mr. Martinez introduced himself as the facilitator and welcomed all the RAB members and meeting attendees. He conducted a review of the meeting agenda and the contents of the meeting packet. Mr. Martinez stated that the next RAB meeting will be held on July 15, 2003, and the next TRS meeting will be held on August 12, 2003.

Patrick Lynch

Presentation of the Draft Technical Assistance for Public Participation (TAPP) Review of the Zone 3 Resource Conservation and Recovery Act (RCRA) Facility Investigation (RFI)

Mr. Lynch explained that the purpose of the Zone 3 RFI Report was to investigate 20 source areas within Zone 3 to determine whether any hazardous wastes had been released, and if so, what the impact of the release was. His review of the report indicated that under risk reduction standard number one, closure would not be appropriate to apply to any source area in Zone 3. In addition, his review determined that a Corrective Measures Study (CMS) is recommended for the Building 308/312 area, the Building 10988 Oil-Water Separator, and the east taxiway.

Mr. Garcia asked if Mr. Lynch would be undergoing a process to determine the source of contamination for unidentified contaminants and wanted to know if additional research would be conducted. Mr. Lynch agreed that additional sampling is needed, but that this type of request was outside of the scope of his contract. He encouraged Mr. Garcia to submit his comments to the TRS. Dr. Lené added that he must receive all comments by June 20.

Mr. Silvas asked for an explanation of benzo(a)pyrene. Mr. Lynch answered that it is wastewater from herbicides/weed killers found in soil and groundwater samples. In reference to Mr. Lynch's assertion that there were inconsistencies in the data presented, Mr. Pletz asked why the data was recorded in parts per million and billion, as shown in Appendix 1 of the Zone 3 RFI Report for Building 375. Mr. Lynch reiterated that he interpreted the data in the table as being in parts per million, because labs cannot analyze data for this specific chemical in parts per billion. Mr. Silvas asked whether there were some contaminants of concern that were below acceptable levels. Mr. Lynch responded that some contaminants of concern were both above and below acceptable levels.

Mr. Garcia asked if Mr. Lynch had requested any additional background or historical data from the Air Force. Mr. Lynch replied that there is a large section of historical documentation in the report, which is complete with aerial photos, etc. Mr. Silvas pointed out that the base had been in operation since 1917 or 1918 and wanted to know how far back the data went. Mr. Lynch responded that references start in the 1950s and 1960s, but that he prefers to analyze actual soil samples rather than additional documents.

Mr. Silvas pointed out that tenants are conducting due diligence reports themselves. Mr. Lynch replied that chemical use activities are not necessarily documented. Mr. Silvas asked if the chemicals of concern had an odor that could be detected. Mr. Lynch said that especially after a rainfall, you could smell some chemicals, such as the historic calibration fluid spill, which is known as source of contamination in Zone 3. Mr. Garcia asked if air sampling would be conducted. Mr. Lynch responded that some soil gas samples were taken, but the results were not significant.

Mr. Montez asked if any studies of city landfills had been conducted, as he noted that Building 360 used to have a scrubber to remove contaminants, which were then dumped in city landfills. Mr. Lynch said that there is a landfill in Zone 1; however, he only reviewed sites in Zone 3. Mr. Montez asked why Building 301 was torn down. Mr. Karas informed him that a briefing on Building 301 would be given later during the meeting.

Mr. Martinez reminded meeting attendees that Mr. Lynch would be making a final presentation on the TAPP review of the Zone 3 RFI to the RAB at the July 2003 meeting.

Rick Rogus

Presentation of the Semiannual Compliance Plan Report

Mr. Rogus introduced himself and explained that he would be presenting the January 2003 Semiannual Compliance Plan Report, which covers the period July through December 2002. The scope of the report is to fulfill the TCEQ Compliance Plan requirements for monitoring and reporting, conduct an assessment of the interim remedial action systems, and provide a snapshot of groundwater contamination. The report analyzed 14 waste management areas, 4 RCRA-permitted units, and Leon Creek.

Mr. Rogus presented the results of the sampling by saying that decreases in the magnitude of chlorinated solvents in the source areas and downgradient of the remedial systems is occurring in the Zone 4 off-base plume, around the recovery systems in Zone 2 near Leon Creek, in the E-3 source area, and downgradient of Site SS040. In addition, semivolatile organic compounds (SVOCs), pesticides and polychlorinated biphenyls (PCBs) were not detected in 99 percent of the samples.

Mr. Rogus added that monitoring has indicated: VOC concentrations in the shallow groundwater have been greatly reduced at E-3, Sites SD-1 and SA-2 have no impact on the shallow groundwater, and natural degradation is occurring at Site S-8. At Leon Creek, sampling results indicated: 3 surface water and 25 sediment contaminants exceeded the conservative Texas Water Quality Standard guidelines, potential surface water toxicity exists at some sampling stations, pesticide contamination was found in several fish species (which is not uncommon in urban streams), and sensitive fish species were identified downstream of the former base.

On a slide that described the frequency of detection of volatile organic compounds, Mr. Pletz asked what ug/L means. Mr. Rogus explained that ug/L means parts per billion. Mr. Montez asked where the sampling at Leon Creek starts. Mr. Rogus replied that it begins below the city's treatment plant, approximately one mile from the base.

Mr. Pletz inquired whether Leon Creek feeds into the Medina River. Mr. Rogus affirmed that it does feed into the river below the city's treatment plant. Mr. Pletz asked if any testing had been conducted in the Medina River. Mr. Rogus stated that it had not, but that testing in the Medina River and Salado Creek would be conducted later this year. Ms. Powers added that TCEQ conducts regular monitoring on the Medina and San Antonio Rivers, and the results are posted on the TCEQ's Web site.

Mr. Martinez reminded meeting attendees that the report can be found at the EHWC library.

Norma Landez

Former Building 301 Interim Remedial System Update

Ms. Landez provided an overview of the installation of a permeable reactive barrier (PRB) near the former Building 301. She stated that AFRPA started construction activities in mid-May, installed the PRB in two weeks, and finished the project on June 2. After AFRPA left the site, GKDA started putting in a parking lot. When GKDA finishes installing the parking lot, AFRPA

will construct monitoring wells. Ms. Landez expressed her satisfaction with the success of the project, and said that AFRPA will transfer lessons learned to the installation of a PRB at Building 360.

Ms. Landez said that AFRPA is currently conducting a precharacterization study of the Building 360 area, will begin trench work on July 7, and will complete the project by September. Ms. Landez encouraged meeting attendees to visit the site of Building 360 during the PRB installation, and asked that interested parties call Mr. Martinez to schedule a site tour and receive clearance through Lockheed Martin.

Mr. Silvas asked if AFRPA would be conducting air monitoring during construction activities at Building 360. Ms. Landez affirmed that AFRPA would be monitoring the air on site while installing the PRB. Mr. Silvas asked why Building 301 was demolished. Ms. Landez explained that GKDA didn't want to use Building 301 as a plating shop.

Mr. Garcia requested background information on the contaminants found at Building 301. Ms. Landez replied that a construction completion report would be made available for review once it is finalized. She indicated that chlorinated solvents were detected in the vadose zone and groundwater near Building 301, which was why a PRB was installed at that particular location.

Mr. Silvas asked how many cleanup systems AFRPA would install. Ms. Landez responded that AFRPA constructed a PRB at Building 301, two systems at Building 360 (one PRB in the middle of the U and on the southern end of the building, and a slurry wall on the west end), one PRB in Zone 5 along the eastern boundary, and one PRB on 34th Street.

Administrative BRAC Cleanup Team (BCT) Update William Ryan

Mr. Ryan recapped the June 10 BCT meeting, noting Mr. Martin's briefing on the redevelopment of Kelly. Mr. Ryan said that AFRPA would continue to coordinate the transfer of property by deed with GKDA and determine whether the environmental cleanup of Kelly would have any impact with its redevelopment, and vice versa. GKDA recently expressed interest in acquiring Building 1680, Mr. Ryan noted. In addition, AFRPA will construct a PRB off base in Zone 5 along 34th Street. Mr. Ryan said that the statement of work is out, bids have been coming in, and the contract will be awarded by the end of the month. AFRPA will install the PRB in late summer or early fall and will conduct long-term monitoring.

Mr. Silvas inquired whether AFRPA would reach out to the affected community before installing the PRB. Mr. Ryan responded that the AFRPA conducted door-to-door outreach in the community this spring, and will conduct outreach activities again before the construction begins. Mr. Ryan added that AFRPA is currently collecting design data for the 34th Street PRB.

Spill Summary Report Eddie Martinez

Mr. Martinez recounted that there have been two spills since the April 2003 RAB meeting. One spill occurred at Site S-8, where 200 gallons of untreated groundwater were released. Since the groundwater did not pose a hazard, it was allowed to commingle with the soil, which is

scheduled to be cleaned up. No removal action was taken. A second spill at Calidad Environmental Services involved a 0.5 gallon of Calgon CC540 scale dissolver, which was released from a container while being loaded onto a truck. The spill was contained, the acid solution was neutralized, and the residue from the release is currently awaiting characterization.

Documents to TRS/RAB Eddie Martinez

Mr. Martinez added three documents to the Environmental Health and Wellness Center's (EHWC) library: the Quality Program Plan Sanitary Sewer System; Closure Reports for Solid Waste Management Units (SWMUs) at Buildings 317 and 424; and Closure Report for SWMUs at Buildings 331, 352, 360, 365, 375, 385, 645, 655, 3768, and 10998. Mr. Martinez pointed out that there are also libraries downtown and at Kelly, and that the binders can be checked out from library at the EHWC.

Action Items from previous meeting Eddie Martinez

Mr. Martinez reviewed all action items from the March TRS which were addressed at the April 15, 2003, RAB meeting.

TRS Action Items

- Mr. Garcia expressed his dissatisfaction with air pollution studies conducted by the Alamo Area Council of Governments, as he felt that they did not contain enough information on Kelly. Mr. Garcia wanted to know where the monitoring stations near Kelly were, if they had received any EPA violations, etc. and said that he would write a letter to AFRPA detailing his concerns so that they could be addressed at an upcoming TRS meeting. Mr. Pletz suggested that the Agency for Toxic Substances and Disease Registry (ATSDR) air emissions study, which is due to be released in September, be reviewed at a future RAB meeting. Mr. Peña made a motion to wait until the ATSDR study is released before taking up the issue at the RAB; Mr. Pletz and Mr. Rodriguez were in favor, Messrs. Garcia, Silvas, and Perez were opposed. Mr. Silvas made a motion to present the issue to the RAB for decision, Mr. Pletz seconded the motion, and all were in favor.
- Mr. Silvas requested historical data on Alamo Aircraft, the permits they have for storing exotic metals, and information on any responsibility they have for cleaning up contamination resulting from their operations. Mr. Silvas made a motion for a representative from Alamo Aircraft to make a presentation to the RAB, which Mr. Garcia seconded. All TRS members were in favor of the motion to send out a letter to all parties involved: Alamo Aircraft, appropriate city council representatives, Bexar Appraisal District, Code Compliance, etc.

The meeting adjourned at 8:45 p.m.